

SKALA, I.; VULTERINOVA, M.; KRONDL, A.

Investigations of fat and nitrogen balance in patients following
resection of the small intestine. Rev. czech. med. 10 no.2:
113-123 '64

1. Institute of Human Nutrition, Prague; Director: Prof.
J.Masek, M.D., D.Sc.

VITKOWSKY, Zdenek, MUDr.; VISLOCKY, Boris, MUDr.; VULTERINOVA, Marie, MUDr.;
PLACER, Zdenek, RMDr.

Incomplete pancreatic fistula following gastrectomy. Cesk.
gastroenter. 9 no.4:259-280 Dec 55.

1. Ustav pro klinickou a experimentalni chirurgii, Praha, reditel
doc. MUDr. B. Spacek Ustav pro vyzkum vyzivy lidu, Praha, reditel
doc. MUDr. J. Masek.

(PANCREAS, fistula,
incomplete, postgastrectomy)

(FISTULA,
pancreas, incomplete, postgastrectomy)

(STOMACH, surgery,
postop. pancreatic fistula, incomplete.)

PIRK, F.; VULTERINOVA, M.

Effect of gastric acidity on the rate of passage through the small intestine in patients after stomach resection. (Roentgenological study). Cesk. gastroent. vyz. 17 no.1: 10-19 Ja '63.

1. Ustav pro vyzkum vyzivy lidu v Praze, reditel prof. dr. J. Masek, DrSc.

(GASTRECTOMY) (GASTRIC ACIDITY DETERMINATION)
(INTESTINE, SMALL) (RADIOGRAPHY)

PIRK, F.; VULTERINOVA, M.

Influence of gastric acidity on the transit time through the small intestine in patients after gastrectomy. Rev. Czech. med. 9 no.3:145-155 '63.

1. Institute of Human Nutrition, Prague, Director: Prof. J. Masek, M.D., D.Sc.

(GASTRIC ACIDITY DETERMINATION)

(POSTGASTRECTOMY SYNDROMES)

(INTESTINE, SMALL) (STOMACH)

(NUTRITION DISORDERS) (RADIOGRAPHY)

VULTS, M. F.

42045: VULTS, M. F.; ROSHENINA, G. P.; OVSIYINKO, D. YE. - Vliyanie pempertury na sostav i intensivnost' rclcevsogo rassejaniya u zhiokostey. (Doklad i preniya). Izvestiya akad. nauk SSSR, Seriya fiz., 1948, No. 5, S. 601-07. - Bibliogr: 5 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948.

VULTUR, Ioan, ing.; BOCAN, Gh., ing.

Contributions of the innovation movement in the mechanization
field. Rev cailor fer 13 no.2:75-78 F '65.

L 55168-65

EXP(t)/EXP(b) JO

ACCESSION NR: AP5017640

RU/0017/64/000/008/0370/0377

AUTHOR: V. V. V. (Engineer, Candidate of technical sciences)

TOPIC: The effect of the second gas and vapor pressure maximum on the quality of metal coating

TOPIC: Metal coating, foundry equipment

ABSTRACT: A discussion of the conditions for the occurrence of a second gas and vapor pressure maximum and its effect on the quality of metal coating. The author presents the results of experimental tests in this regard performed on a foundry equipment.

KEYWORDS: Metal coating, foundry equipment, second gas, vapor pressure maximum

NR REF SOV: 002

OTHER: 007

FOR SOV: MM, II

JPRS

Card 1/1

Vulykh, A.K.

130-3-4/21

AUTHORS: Ginzburg, B. I., Vulykh, A.K., Liseyenko, I.I. and
Elimenko, D. G.

TITLE: Mechanical Gland sealing of a hot-blast stove burner.
(Mekhanicheskoye sal'nikovoye uplotneniye gorelki
vozdukhonagrevatelya).

PERIODICAL: Metallurg, 1958, No.3, pp. 7-10 (USSR).

ABSTRACT: The authors describe how at the imeni Petrovskiy
(imeni Petrovskogo) works, where lack of space prevents
the use of standard isolating devices for the Copper
stoves, a mechanically clamped seal with interchangeable
connecting pipe and lid was developed and introduced.
The arrangement is moved with a monorail and the joint
is liberally greased. At the end of the "on gas"
period the connecting pipe is moved back and the lid
is bolted on.
There are 3 figures.

ASSOCIATION: Petrovskiy Works. (Zavod im. Petrovskogo).

AVAILABLE: Library of Congress.

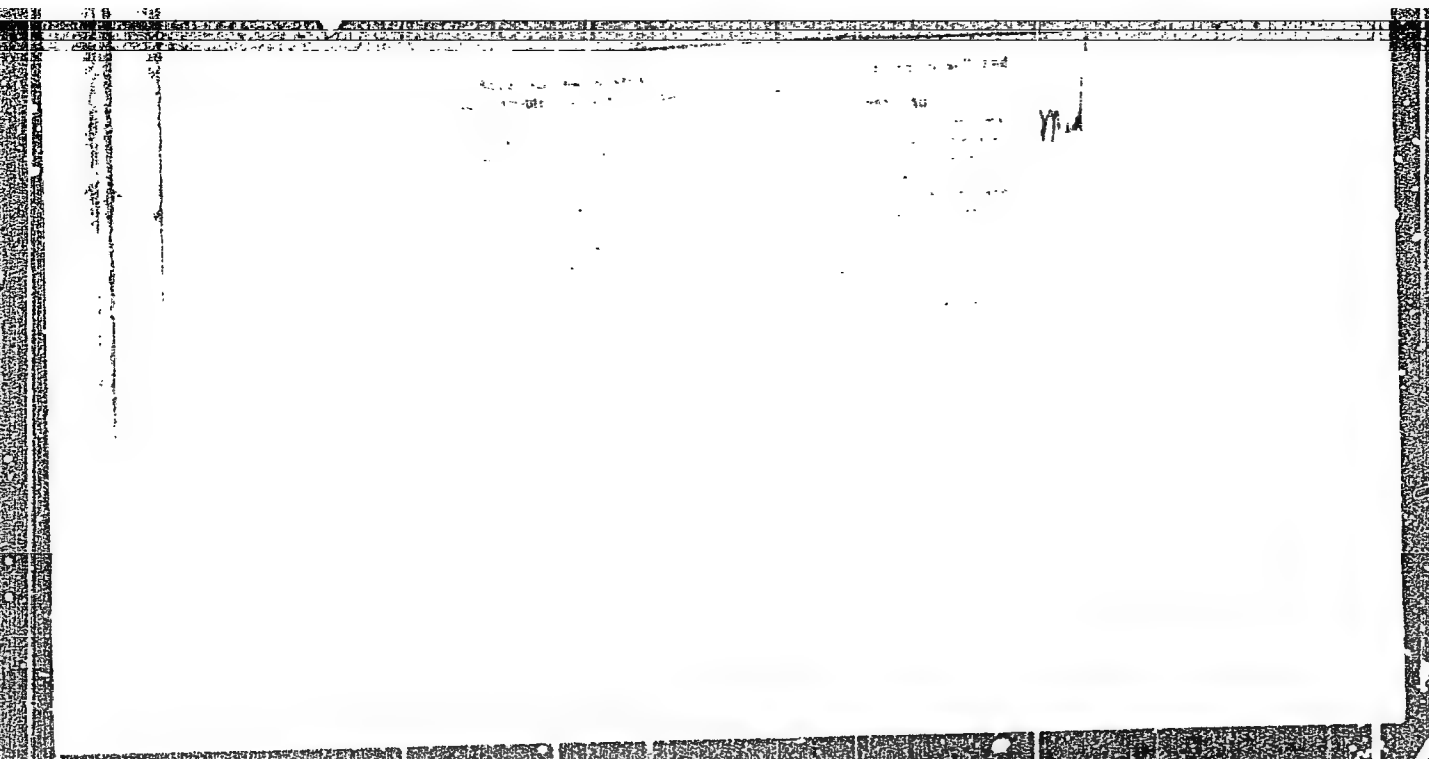
Card 1/1

STEFANOV, Manol, inzh.; VUNGIEV, Todor, inzh.

A briquette plant for the heat and power complex Maritsa-Istok.
Elektroenergiia 13 no.5/6:54-60 My-Je '62.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961310016-3



APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961310016-3"

VUNDER, M. A.

Vunder, M. A. - "The problem of the sugar, lactic acid and cholesterin content in the blood in cerebral hypertensicn," Trudy Tsentr. in-ta psikhiatrii, Vol. IV, 1949, p. 180-87

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

IVANOVA, I.I.; VUNDER, P.A.

Compensatory hypertrophy of the adrenal glands at different time intervals after partial decortication of the cerebral hemispheres in rats. Nauch.dokl.vys.shkoly; biol.nauki no.4:84-88 '62.

(MIRA 15:10)

1. Rekomendovana kafedroy fiziologii zhivotnykh Saratovskogo gosudarstvennogo universiteta im. Chernyshevskogo.

(ADRENAL GLANDS) (CEREBRAL CORTEX)

VUNDER, P. A.; LAPSHINA, V. F. (Saratov)

Role of the adrenals in disorders of the sexual cycle following functional exclusion of the thyroid gland. Probl. endok. i gorm. 8 no.3:19-23 My-Je '62. (MIRA 15:6)

1. Iz kafedry fiziologii zhivotnykh (zav. - prof. P. A. Vunder) Saratovskogo gosudarstvennogo universiteta imeni N. G. Chernyshevskogo.

(THYROID GLAND—SURGERY) (ADRENAL GLANDS)
(ESTRUS)

IVANOVA, I.I., dotsent; VUNDER, P.A., prof. (Saratov)

Strumous effect of methylthiouracil in rats in partial decortication of the cerebrum. Probl.endok.i gorm. no.4:45-50 '62.

(MIRA 15:11)

1. Iz kafedry fiziologii zhivotnykh (zav. - prof. P.A. Vunder)
Saratovskogo gosudarstvennogo ordena Trudovogo krasnogo znameni
universiteta imeni N.G. Chernyshevskogo.

(URACIL)

(GOITER)

(CEREBRAL CORTEX)

1ST AND 2ND COLUMNS		PROCESSING AND PROPERTIES INDEX		1ST AND 2ND COLUMNS	
C A		<p>The function of the ovary and the pituitary body of amphibians in relation to captivity and hunger. P. A. Vungat. <i>Bull. biol. med. exp. U. R. S. S.</i> 5, 342-4 (1958) <i>Chem. Zentr.</i> 1940, II, 782; cf. C. A. 34, NR57.</p> <p>From expts. in which frogs were injected intraperitoneally with pituitary it was concluded that captivity for long periods and deficient diet considerably reduce the sensitivity of the ovary toward the gonadotropic hormone. Under such conditions the gonadotropic activity of the pituitary body undergoes a sharp reduction. Thus, recently captured animals should be used for the production of the ovulation reaction in the frog. M. G. Moore</p>		11 H	
<p>ASB SLA METALLURGICAL LITERATURE CLASSIFICATION</p>					

114

... 3
The influence of hypophysectomy on the reactivity of
the amphibian ovary. P. A. Vunder, Bull. Acad. med.
exptl. U. R. S. S. 451-3 (1958); Chem. Zentr. 1959, I,
3751. - The pituitary body was removed from sexually
mature females of *Rana esculenta*. An aq. suspension
contg. the material from 2 to 3 pituitary bodies from the
same species was injected intraperitoneally into the ani-
mals 1, 7, 10, 12, 14 or 15 days after the operation and the

Percentage of frogs reacting to the injection by ovulation
decreased. The controls were normal females which had been
in captivity for an equal period and which received the
same dose of the pituitary suspension. The capacity for
ovulation was already greatly reduced the 4th day after
hypophysectomy and the pituitary injections were entirely
ineffective 14-15 days after the operation. This is par-
ticularly worthy of note because degenerative changes in
the ovaries could not be observed until several months
after removal of the pituitary. M. G. Moore

RELATIONSHIP BETWEEN YEARLY ANNUAL CYCLE AND FUNCTION OF OVARY AND PITUITARY GLAND IN ANURA.

P. A. VERNER (Abh. Steklovsk. Seratov. Biol. Soc., 1939, 2, 44-58).—Several months before the natural spawning period, the ovaries of *Rana ridibunda* contain many large, ripe eggs. Premature ovulation is brought about in the spring by injecting small amounts of gonadotropic material from the pituitary gland. The eggs deposited are rendered fertile by artificial treatment with semen. In autumn and winter much larger quantities of the material are required to cause the more difficultly achieved ovulation. Since the activity of the material is not subject to seasonal variations, the difference is due to seasonal variations in the sensitivity of the ovaries.

W. McC.

bc

a-4

COMMON ELEMENTS

MATERIALS INDEX

COMMON METALLS INDEX

ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBLAVH

SYMBOLS 72

SUBJECT MATTER ONE

CLASSONE

FROM BOWMAN

SUBJECT ONE GUY 151

1A 2A 3A 4A 5A 6A 7A 8A 9A 10A 11A 12A 13A 14A 15A 16A 17A 18A 19A 20A 21A 22A 23A 24A 25A 26A 27A 28A 29A 30A 31A 32A 33A 34A 35A 36A 37A 38A 39A 40A 41A 42A 43A 44A 45A 46A 47A 48A 49A 50A 51A 52A 53A 54A 55A 56A 57A 58A 59A 60A 61A 62A 63A 64A 65A 66A 67A 68A 69A 70A 71A 72A 73A 74A 75A 76A 77A 78A 79A 80A 81A 82A 83A 84A 85A 86A 87A 88A 89A 90A 91A 92A 93A 94A 95A 96A 97A 98A 99A 100A 101A 102A 103A 104A 105A 106A 107A 108A 109A 110A 111A 112A 113A 114A 115A 116A 117A 118A 119A 120A 121A 122A 123A 124A 125A 126A 127A 128A 129A 130A 131A 132A 133A 134A 135A 136A 137A 138A 139A 140A 141A 142A 143A 144A 145A 146A 147A 148A 149A 150A 151A 152A 153A 154A 155A 156A 157A 158A 159A 160A 161A 162A 163A 164A 165A 166A 167A 168A 169A 170A 171A 172A 173A 174A 175A 176A 177A 178A 179A 180A 181A 182A 183A 184A 185A 186A 187A 188A 189A 190A 191A 192A 193A 194A 195A 196A 197A 198A 199A 200A 201A 202A 203A 204A 205A 206A 207A 208A 209A 210A 211A 212A 213A 214A 215A 216A 217A 218A 219A 220A 221A 222A 223A 224A 225A 226A 227A 228A 229A 230A 231A 232A 233A 234A 235A 236A 237A 238A 239A 240A 241A 242A 243A 244A 245A 246A 247A 248A 249A 250A 251A 252A 253A 254A 255A 256A 257A 258A 259A 260A 261A 262A 263A 264A 265A 266A 267A 268A 269A 270A 271A 272A 273A 274A 275A 276A 277A 278A 279A 280A 281A 282A 283A 284A 285A 286A 287A 288A 289A 290A 291A 292A 293A 294A 295A 296A 297A 298A 299A 300A 301A 302A 303A 304A 305A 306A 307A 308A 309A 310A 311A 312A 313A 314A 315A 316A 317A 318A 319A 320A 321A 322A 323A 324A 325A 326A 327A 328A 329A 330A 331A 332A 333A 334A 335A 336A 337A 338A 339A 340A 341A 342A 343A 344A 345A 346A 347A 348A 349A 350A 351A 352A 353A 354A 355A 356A 357A 358A 359A 360A 361A 362A 363A 364A 365A 366A 367A 368A 369A 370A 371A 372A 373A 374A 375A 376A 377A 378A 379A 380A 381A 382A 383A 384A 385A 386A 387A 388A 389A 390A 391A 392A 393A 394A 395A 396A 397A 398A 399A 400A 401A 402A 403A 404A 405A 406A 407A 408A 409A 410A 411A 412A 413A 414A 415A 416A 417A 418A 419A 420A 421A 422A 423A 424A 425A 426A 427A 428A 429A 430A 431A 432A 433A 434A 435A 436A 437A 438A 439A 440A 441A 442A 443A 444A 445A 446A 447A 448A 449A 450A 451A 452A 453A 454A 455A 456A 457A 458A 459A 460A 461A 462A 463A 464A 465A 466A 467A 468A 469A 470A 471A 472A 473A 474A 475A 476A 477A 478A 479A 480A 481A 482A 483A 484A 485A 486A 487A 488A 489A 490A 491A 492A 493A 494A 495A 496A 497A 498A 499A 500A 501A 502A 503A 504A 505A 506A 507A 508A 509A 510A 511A 512A 513A 514A 515A 516A 517A 518A 519A 520A 521A 522A 523A 524A 525A 526A 527A 528A 529A 530A 531A 532A 533A 534A 535A 536A 537A 538A 539A 540A 541A 542A 543A 544A 545A 546A 547A 548A 549A 550A 551A 552A 553A 554A 555A 556A 557A 558A 559A 560A 561A 562A 563A 564A 565A 566A 567A 568A 569A 570A 571A 572A 573A 574A 575A 576A 577A 578A 579A 580A 581A 582A 583A 584A 585A 586A 587A 588A 589A 590A 591A 592A 593A 594A 595A 596A 597A 598A 599A 600A 601A 602A 603A 604A 605A 606A 607A 608A 609A 610A 611A 612A 613A 614A 615A 616A 617A 618A 619A 620A 621A 622A 623A 624A 625A 626A 627A 628A 629A 630A 631A 632A 633A 634A 635A 636A 637A 638A 639A 640A 641A 642A 643A 644A 645A 646A 647A 648A 649A 650A 651A 652A 653A 654A 655A 656A 657A 658A 659A 660A 661A 662A 663A 664A 665A 666A 667A 668A 669A 670A 671A 672A 673A 674A 675A 676A 677A 678A 679A 680A 681A 682A 683A 684A 685A 686A 687A 688A 689A 690A 691A 692A 693A 694A 695A 696A 697A 698A 699A 700A 701A 702A 703A 704A 705A 706A 707A 708A 709A 710A 711A 712A 713A 714A 715A 716A 717A 718A 719A 720A 721A 722A 723A 724A 725A 726A 727A 728A 729A 730A 731A 732A 733A 734A 735A 736A 737A 738A 739A 740A 741A 742A 743A 744A 745A 746A 747A 748A 749A 750A 751A 752A 753A 754A 755A 756A 757A 758A 759A 760A 761A 762A 763A 764A 765A 766A 767A 768A 769A 770A 771A 77

BC

Processes and Properties Index

2-4

Ovarian function and pituitary activity in captive ovis. P. A. Vennart. (Abh. Staatsuniv. Saratov, Biol. Ser., 1939, 3, 55-58).—When kept captive for not less than 30 days, female ovis individuals lose their capacity to ovulate on receiving injections of gonadotropic material from the pituitary gland but the material from the pituitary glands of males and females kept captive for 4-5 months has low gonadotropic activity. The season at which captivity begins does not affect the results. Possibly inadequate nutrition in captivity is responsible for the loss of capacity to ovulate. W. McC.

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

FROM DIVISION

SECTION

TOPIC

DATE

REMARKS

PROCESS AND PROPERTIES INDEX	
Ca	11F
<p>Reciprocal action of hormone and antihormone. P. A. Vonder. <i>Bull. biol. med. exp.</i> U. R. S. S. 8, 48-50 (1957). <i>Chem. Zentr.</i> 1940, I, 2984. — In contrast to prolan, antiprolan is destroyed by 0.1 N NaOH in 24 hrs. With the help of this reaction it is possible to destroy the antiprolan in a mixt. of prolan and antiprolan and thus restore the activity. It appears that antiprolan does not destroy prolan <i>in vivo</i>, although it sometimes can ppt. the prolan.</p> <p>M. G. Moore</p>	
<p>ASB. I. A. METALLURGICAL LITERATURE CLASSIFICATION</p>	

11F

ca

PROCESSING AND PREPARATION MODE

The problem of the artificial production of a double pregnancy. I. Are the fertilization and development of the ovum produced in the rabbit during pseudopregnancy possible? P. A. Yundt and A. L. Paducheva. *Vestnik Akad. Nauk SSSR, Ser. V. I. Leningrad, Inst. Zhivotnovodstva* 11, 108-213 (1939); *Chem. Zentr.* 1940, II, 2122-3. Simultaneously with the injection of prolan, sperms were introduced into the uterus of a rabbit in a state of pseudopregnancy. No fertilization occurred because the motility of the sperms in the female genital tract was destroyed. M. G. Moore

RESEARCH DETAILING LITERATURE CLASSIFICATION

RESEARCH DETAILING LITERATURE CLASSIFICATION

ca

Are the prolans of the urine and of the blood of pregnant women identical in their action? P. A. Vunder and S. K. Lisina. *Bull. biol. med. appl. U. R. S. S.*, 9, 27-9 (1940) (in English).—The injection of the blood of pregnant women, placental blood or urinary prolactin into chicks or sparrows has no effect on the development of their genital glands, but injection of the gonadotropic substance of pregnant mare serum causes a marked increase in the wt. of the glands. There is thus no confirmation of the statement of other investigators that urinary prolactin and blood prolactin of pregnant women differ in their action.
H. A. Kartala

11F

OPEN
INTERNAL MARKS
SUBJECT ELEMENTS

ASD-SLA DETAILING LITERATURE CLASSIFICATION

FROM SOURCE
CLASSIFIED BY DATE

DATE OF REVIEW
REVIEWED BY

PROCESSIES AND PROPERTIES INDEX	
CA	<p>New test object for determination of the thyrotropic hormone. P. A. Vander and K. O. Vibe. <i>Compt. rend. Acad. sci. U. R. S. S.</i> 28, 387-9 (1940) (in English).—It is proposed to use specimens of <i>Passer domesticus</i> in place of chicks as test objects, because of the difficulty of obtaining chicks in the winter months, because of the great variations existing in the wt. of the thyroid glands of chicks and because of the greater susceptibility of the sparrows to the thyrotropic hormone. Expts. were carried out during the winter months with sparrows subjected to subcutaneous injections, twice daily, for 6 days, with various doses of alk. ext. from human hypophyses, both filtered and unfiltered. On the 7th day the sparrows were killed with CHCl₃ and the thyroid glands removed, weighed (tabulated) show that in-logical treatment. The results (tabulated) show that in-crease in dosage leads to increase in thyroid wt. No differ-ence was recorded in the sensitivity of the 2 sexes. The capacity for increasing the epithelial height is markedly lowered by the process of filtration. Ext. equiv. to 1 mg. of the hypophyseal substance induces marked increase in the height of the epithelium follicles. With a 3-mg. dose a sharp increase in the thyroid wt. and height of the epithelium occurs. Concn. of the injections in one day reveals that 2 hrs. after the first injection changes in epithelial height are observable, and within 24 hrs. the thyroids increase in wt., the max. wt. and histological reac-tion being reached after 48 hrs., after which regression set- in. 2 references</p> <p style="text-align: right;">A. H. Krappé</p>
<p>ASH-514 METALLURGICAL LITERATURE CLASSIFICATION</p>	

<p>CA</p>		<p>11H</p>	
<p>PROCESSING AND PROPERTIES UNIT</p>			
<p>Mechanism of augmentation effect caused by adding zinc salts to thyrotropic extracts. P. A. Yunker and R. E. Yung. <i>Compt. rend. acad. sci. U. S. S. R.</i> 29, 654-6 (1940) (in English); cf. <i>C. A.</i> 35, 2381¹.—Acetone-extracted pituitary was reduced to powder and extd. with 0.1 N NaHCO₃ for 24 hrs. The ext. was centrifuged, adjusted to pH 7.5 and divided into 3 portions contg. 2 mg. pituitary per cc. To the 2nd portion was added 1.0-1.5 mg. Zn(OAc)₂ per cc. The 3rd portion was similarly treated and sepd. by centrifuging into fluid and ppt. (mainly ZnCO₃), which was emulsified with 0.1 N NaHCO₃ and brought to pH 7.5. All exts. were tested on groups of 5 day-old White Leghorn chicks by injection of 2 doses of 0.5 cc. per day for 5 days. The change of wt. in the thyroid glands (normal wt. 3-4 mg.) was taken as a criterion of the presence and degree of thyrotropic response. The tabulated results indicate that the augmentation of the thyrotropic effect by Zn(OAc)₂ up to 10-100% is due to partial or complete pptn. of the thyrotropic hormone by formation of Zn(OH)₂ and ZnCO₃, and consequent retarded absorption of the sepd. hormone. FeCl₃ and NiSO₄ in corresponding concns. fail to influence the activity.</p>			
<p>C. R. Addinall</p>			
<p>ASD-51A METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>STANDARD 100-1000</p>			
<p>STANDARD 100-1000</p>			

11F

ca

Does the administration of thyrotropic hormone produce a refractory condition in birds? P. A. Vunder, Z. V. Pometlova and K. O. Viebe. *Compt. rend. acad. sci. U. R. S. S.* 30, 267-8(1941); *Chem. Zentr.* 1942, II, 2489. —In 1 series of expts., chickens received daily injections of 0.5 mjl. of ext. of human pituitary gland powder. After 32 days the thyroid glands of the injected animals were no different from those of controls. In another series, daily injections of 10 mg. dried cattle pituitary gland powder resulted in no histological differences of the thyroid gland, when exam'd. on the 32nd day of injection, in the test animals compared to controls. The former were 40% heavier. Blood taken from birds receiving injections for 32 days had the ability completely to neutralise the effect of the thyrotropic hormone. Maurice M. Nath.

CA

114

Is the gonadotropic activity of the pituitary body in lower vertebrates increased by Zn salts? P. A. Vardier. *Compt. rend. acad. sci. U. R. S. S.* 30, 38-40 (1968). Intramuscular or subcutaneous injection of the ext. of 0.5-3.0 pituitary glands of *Rana ridibunda* males into females of the same species produced little reaction (ovulation), but admin. of 0.5-2.0 mg. $ZnSO_4$ to the exts. brought about reaction in 60-80% of the females. R. E. Reeves

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CATEGORIES										3RD AND 4TH CATEGORIES									
PROCESSES AND PROPERTIES INDEX																			
<p>ca</p> <p>11F</p> <p>/ Direct action of hormones on effector organs P. A. Yundov... <i>Advances in Modern Biol.</i> (U.S.S.R.) 20, 231-3 (1945) (in Russian).-- Short review; 10 references. N. Thom</p>																			
ASR-51A METALLURGICAL LITERATURE CLASSIFICATION																			
FROM STRAIGHT										FROM BOWTIE									
<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20</p>										<p>21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40</p>									

ca

11 F

The influence of estrogens upon the thyrotropic reaction. P. A. Vunber (Saratov State Univ., U.S.S.R.). *Comp. rend. acad. sci. U.S.S.R.* 48, 602 4(1945)(in English).—Five-day old chicks received intramuscularly oil suspensions of 500 mouse units of either folliculin benzoate, or folliculin, or stilbestrol daily for 10 days. After the 6th day one daily subcutaneous injection of an alk. ext. of bull pituitary followed each estrone injection for 8 more days. Folliculin benzoate increased the wt. of the oviducts nearly 10 times over that of the control group which received the oil without the estrogens. The thyroid bodies of the control chicks were slightly larger than those of the exptl. animals but the difference was not significant. Stilbestrol (1.5 mg.) increased the wt. of the oviducts 100 fold but the thyrotropic reaction in the exptl. and control animals was the same. a-Folliculin in 1 mg. daily doses was equiv. in its activity to 0.4 mg. doses of stilbestrol. It is concluded that these estrogens cannot be regarded as agents which inhibit the action of the thyrotropic hormone. Those cases reported in the literature where recovery from Basedow's disease took place after estrogen therapy must be interpreted in the sense that recovery took place because of a decrease in the secretion of thyroid-stimulating substances from the pituitary rather than to the direct influence of the sex hormone and an inhibitory effect of the thyrotropic hormone on the gland itself. H. V.

ASB-514 METALLURGICAL LITERATURE CLASSIFICATION

6-17-51-1272

VUNDER, P. A. (Saratov)

"Modifiers of the Hormone Action" (p.31) by Vunder, P. A.

SO: Advances In Modern Biology (Uspekhi Sovremennoi Biologii) Vol XXI, No. 1, 1976

ca

Experimental production of biologically imperfect col-
 -loids in the thyroid gland. Analysis of the action of sul-
 -finine and methylthiouracil in the thyroid gland. P. A.
 Yundov and I. I. Ivanova. *Compt. rend. acad. sci.*
U.S.S.R. 50, 333-6(1947); *Chem. Zvez.* 1947, II, 913;
 cf. C.I. 42, 1809A. -- Expts. on rats showed that both
 sulfinine and methylthiouracil caused a discrepancy be-
 -tween the histological appearance of the thyroid and its
 -ability to induce metamorphosis in tadpoles. This
 -points to the formation of a biologically imperfect, hor-
 -mone-poor colloid in the thyroid gland. M. G. Moore

Saratov State U.

ASU-55A METACOLOGICAL LITERATURE CLASSIFICATION

CA

Enhancement of the gonadotropic reaction in animals treated with methylthiouracil. P. A. Yundt and V. F. Lapshina (N. G. Chernyshevskii State Univ., Saratov). *Doklady Akad. Nauk S.S.S.R.* 58, 1857-60(1947).—Rats fed

20 mg. methylthiouracil daily show a slight increase of ovary action and the reaction to hypophysis ext. is much stronger than normal. When tests were made with gonadotropins such as female horse blood serum and hypophysis ext. contg. CuSO_4 for retardation of its absorption into the blood stream, the results in the 2nd case showed nearly normal ovarian reaction in animals kept on methylthiouracil. Hence, block of the thyroid gland function increases the ovarian reaction to hypophysis ext. in rats and the event is similar to that obtained with thyroidectomy. G. M. Kosolapoff

1ST AND 2ND COLUMNS										PROCESSING AND PROPERTY INDEX										3RD AND 4TH COLUMNS									
ca																				11-H									
<p>Intensification of the thyrotropic reaction in chicks on the base of introduced methylthiourea. P. A. Kuznetsov. Doklady Akad. Nauk S.S.S.R. 60, 741-4 (1948). - Injection of hypophysis ext. into 5 day chicks previously treated with methylthiourea or sulfapyridine showed: the hypophysis ext. on the background of methylthiourea gives a much intensified thyrotropic reaction, lesser effect occurs when methylthiourea is fed after the hypophysis ext. injection. The ext. was used at 2.5 mg. daily level, methylthiourea at 5-10 mg. daily level. Sulfapyridine (100 mg. daily) does not exhibit this intensifying action, but tends to repress it. G. M. Kozolupoff</p>																													
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION																													
FROM SYNONYM										FROM SYNONYM										FROM SYNONYM									
GROUP 1										GROUP 2										GROUP 3									
C O S L W A V N O A S										B P D T F G H J K L M N O P Q R S T U V W X Y Z										A B C D E F G H I J K L M N O P Q R S T U V W X Y Z									

VUNDER, P. A.

"Thyroid Gland And Reaction To Hormones." (p. 141-144) by Vunder, P. A. (Saratov)

SO: PROGRESS OF CONTEMPORARY BIOLOGY (Us. Sovrem. Biol) Vol. XXVII 1949 No. 1 (Jan.-Feb.)

02

11 H

The action of thyroindin on the speed of regeneration of metamorphogenic activity of thyroid altered by methylthiouracil. P. A. Vunder and I. Ivanova. Doklady Akad. Nauk S.S.S.R. 200: 537 (1970). Preceding 25 mg methylthiouracil daily for 9 days in rats, followed by 25 mg daily of thyroindin for 4-10 days causes a decrease of hypertrophy of the thyroid, or even its decline to subnormal wt., along with a decrease in the height of the follicular epithelium. Chickens (10 mg. daily dosage) give similar results, but the effect of thyroindin occurs only if its administration is begun shortly after stoppage of methylthiouracil. The over-all result is the stimulation of formation of the colloid in the thyroid gland by thyroindin, along with a repression of accumulation of the hormone.

(I. M. Kozlovskii)

Saratov State U

ASB-55-4 METALLURGICAL LITERATURE CLASSIFICATION

VUNGER, P.A.

Hormone diagnosis of pregnancy, using male frogs, *Rana ridibunda*.
Akush.gin. No.2:40-42 Mr-Apr '50. (CJML 19:2)

1. Of the Department of Animal Physiology of Saratov State University imeni N.G.Chernyshevskiy.

CA

//F

Retardation of sexual cycle by chemical block of thyroid with methylthiouracil. P. A. Vunder, N. P. Smirnova, and R. I. Lichman (N. G. Chernyshevskii State Univ., Saratov). *Doklady Akad. Nauk S.S.S.R.* 77, 1203-6 (1950).—Feeding of methylthiouracil (best 20-60 mg. daily) leads to a lengthening of the estral cycle of female rats by a factor of 2-3 (30-60-day expt.), especially noted at 50-60-mg. dosage; at 20-mg. dosage the effect is weak. A rapid return to normal occurs on stoppage of the drug. Thyroidectomy gives a similar but usually less defined effect.
O. M. Kozolapoff

CA

Action of sulfapyridine on chick thyroid. P. A. Yumkyt.
(N. G. Chernyshevskii State Univ., Saratov). Doklady
Akad. Nauk S.S.S.R. 73, 231-3(1950).—Goitrogenic
effect of sulfapyridine is expressed very weakly in chicks;
regardless of dosage, however, the metamorphogenic ac-
tivity in the gland declined. With previous injection of
thyrotropic exts. of hypophysis the activity of the thy-
roid declines further. Combined action of 10 mg. methyl-
thiouracil and 100 mg. sulfapyridine gives a modified ef-
fect in that the hypertrophy of thyroid is lowered but the
metamorphogenic activity is severely depressed.
G. M. Koudapoff

VUNDER, P. A.;GOROKHOVA, L. V.

Estrogenous effect of local anesthetics. Doklady Akad. nauk
SSSR 83 no.4:625-628 1 Apr 1952, (CLML 22:2)

1. Presented by Academician A. D. Speranskiy 8 February 1952.
2. Saratov State University imeni N. G. Chernyshevskiy.

VUNDER, P. A.

VUNDER, P.A., professor, (Saratov)

Significance of the nervous system and of its higher segments
in reaction of the thyrotropic hormone. Probl. endokr. i gorm.
1. no.2:15-20 Mr-Apr '55. (MLRA 8:10)

1. Iz kafedry fiziologii (zav.-prof.P.A.Vunder) Saratovskogo
universiteta imeni N.G.Chernyshevskogo.

(REFLEX, CONDITIONED,

thyrotropic reaction in animals)

(PITUITARY GLAND, ANTERIOR, hormones,

thyrotropin, conditioned reaction in animals)

VUNDER, P.A.; SPRYSKOVA, N.A.

Effect of decerebration on intensification of reactions of the thyroid to methylthiouracil and thyrotropic hormone. Biol. eksp. biol. i med. 40 no.11:16-19 N. '55. (MLRA 9:1)

1. Iz kafedry fiziologii zhivotnykh (zav. - prof. P.A. Vunder) Saratovskogo gosudarstvennogo universiteta imeni N.G. Chernyshevskogo.

(BRAIN, physiology,
eff. of decerebration on thyroid reactions to methylthiouracil & thyrotropic hormone in chicks)

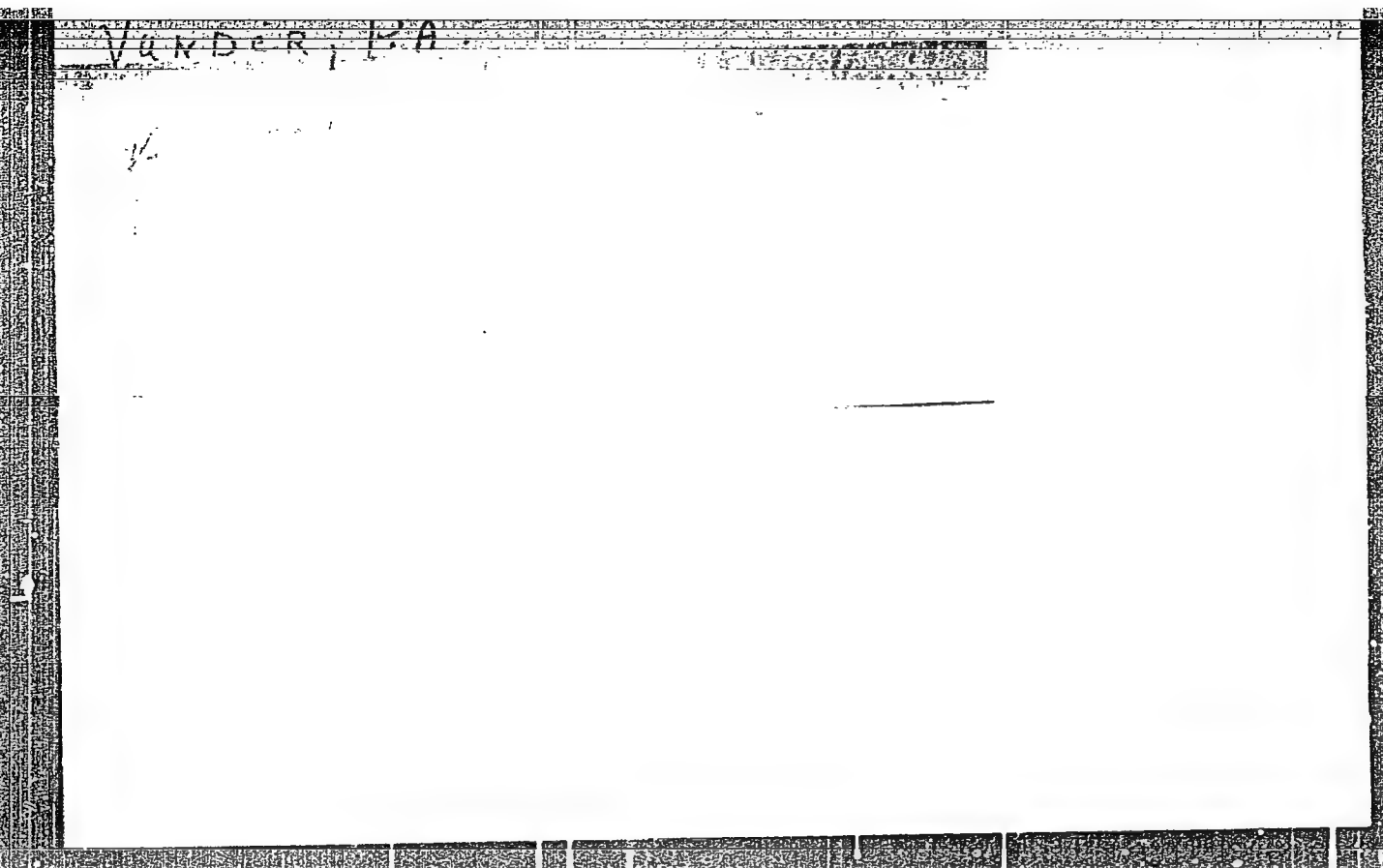
(THYROID GLAND, physiology,
eff. of decerebration on reactions to methylthiouracil & thyrotropic hormone in chicks)

(THIOURACIL, derivatives,
methylthiouracil, eff. on thyroid in decerebrated chicks.)

(PITUITARY GLAND, ANTERIOR, hormones,
thyrotropic hormone, eff. on thyroid in decerebrated chicks)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961310016-3



APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961310016-3"

VUNDER, P.A., prof., red.; IVANOVA, M.V., red.

[Endocrine interrelationships in animals with removed cerebral cortex] Endokrinnye vzaimootnosheniia u zhi-votnykh s udalennoi koroi golovnogo mozga. Saratov, Izd-vo Saratovskogo univ., 1965. 75 p. (MIRA 19:1)

VUNDER, P.A. (Saratov)

Significance of the level of self-regulation in the hypophysis
and "peripheral" endocrine glands for physiology and pathology
of the endocrine system. Usp. sovr. biol. 59 no.3:433-442
My-Je '65. (MIRA 18:6)

VUNDER, P.A. (Saratov)

Further study of the role of the thyroid gland in the
reaction of a chick's comb to testosterone propionate.
Probl. endok. i gorm. 9 no.3:34-40 My-Je '63.

(MIRA 17:1)

1. Iz kafedry fiziologii zhivotnykh (zav. - prof. P.A.
Vunder) Saratovskogo gosudarstvennogo universiteta imeni
N.G. Chernyshevskogo.

VUNDER, P.A.

Autumnal reproduction of geese induced by differentiated light regime. Nauch. dokl. vys. shkoly; biol. nauki no.3:75-77 '63.
(MIRA 16:9)

1. Rekomendovana kafedroy fiziologii zhivotnykh Saratovskogo gosudarstvennogo universiteta im. N.G.Chernyshevskogo.
(Geese) (Reproduction) (Light—Physiological effect)

VUNDER, P.A., prof. (Saratov)

Principle of "plus-minus interaction" between organs nad its
significance for endocrinology in the light of current infor-
mation. Probl.endok. i gorm. no.1:117-126 '62.

(MIRA 15:8)

1. Iz kafedry fiziologii zhivotnykh (zav. - prof. P.A. Vunder)
Saratovskogo gosudarstvennogo ordena Trudovogo Krasnogo Znameni
universiteta imeni N.G. Chernyshevskogo.
(ENDOCRINOLOGY)

VUNDER, P.A., prof. (Saratov)

Principle of "plus-minus interaction" between organs and its significance for endocrinology in the light of current information. Probl.endok. i gorm. no.1:117-126 '62.

(MIRA 15:8)

1. Iz kafedry fiziologii zhivotnykh (zav. - prof. P.A. Vunder)
Saratovskogo gosudarstvennogo ordena Trudovogo Krasnogo Znameni
universiteta imeni N.G. Chernyshevskogo.
(ENDOCRINOLOGY)

VUNDER, P.A. (Saratov)

Certain problems in the physiology of thyroid hormone secretion.
Usp.sovr.biol. 48 no.2:233-238 S-O '59. (MIRA 13:3)
(THYROID GLANDS hormones)

VUNDER, P.A.; LAPSHINA, V.F.

Antithyroid action of para-aminosalicylic acid. Nauch.dokl.vys.
shkoly;biol.nauki no.4:102-106 '58. (MIRA 11:12)

1. Rekomendovana kafedroy fiziologii zhivotnykh Saratovskogo
gosudarstvennogo universiteta imeni N.G.Chernyshevskogo.
(SALICYLIC ACID) (THYROID GLAND)

USSR/Human and Animal Physiology (Normal and Pathological). T
Internal Secretion. Gonads.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79863.

Author : Vunder, P.A.; Lapshina, V.F.

Inst :

Title : Conditioned Reflex of the Estral Reaction.

Orig Pub: Probl. endokrinol. i gormonoterapii, 1956, 2, No 3, 74-80.

Abstract: No abstract.

Card 1/1

64

EXCERPTA MEDICA Spec.3 Vol.12/5 Endocrinology April 58

Vunder P.A.
666. GOITROGENIC ACTION OF PAS (Russian text) - Vunder P.A. and Lapshina V.F. N.G. Chernyshevskij State Univ., Saratov - PROBL. ENDOKR. 1956, 2/4 (76-81) Tables 2

Experiments were carried out on adult male rats (starting weight 282-285 g.), on young male rats (starting weight 110 g.), on 7-day-old chicks of the 'white leghorn' race, and on female mice weighing 18.4-21.3 g. The Na salt of PAS was dissolved in water and introduced 2-3 times daily for 10-20 days into the stomach of rats by means of a tube, in amounts of 60 and 180 mg. per 100 g. body weight. At the end of the experiment, the experimental and control animals were killed, and the thyroid glands were weighed and examined microscopically. One group of animals received PAS only, a second group PAS and potassium iodide (0.5 mg. per rat), and a third group PAS and thyroid extract (10 mg. per 100 g. body weight). The results agreed in experiments on rats and chicks. In animals receiving PAS an enlargement (1.5-2-3 times that of the control gland, depending on the dose and duration of administration of the drug) of the thyroid gland was noted, as well as hyperaemia, hypertrophy, increase in height of the follicular epithelium, decrease of lumen of the follicles, with frequent absence of colloid. Reactivity of thyroid glands in mice was found to be very low toward the action of PAS. Simultaneous addition of potassium iodide decreased by two thirds the goitrogenic effect of PAS, but simultaneous administration of thyroid extract removed it completely.

Lekishvili - Leningrad (S)

. VUNDER, P.A.

USSR/Human and Animal Physiology - Internal Secretions.

R-8

Abs Jour : Referat Zhur - Biol., No 16, 1957, 70916

Author : Vunder, P.A.

Title : The Significance of the Nervous System and Its Higher Center in the Thyrotropic Hormone Reaction.

Orig Pub : Probl. endikroanal. i gormonoterapii, 1955, 1, No 2, 15-20

Abstract : By the methods of conditioned reflex, pharmacology and surgery, it was shown that the thyrotropic hormone (TH) acts on the thyroid gland not only directly but also through the nervous system. By conditioned reflex TH action was produced: by the influence of conditioned irritants (injections of physiol. solution, painting of the mouth surface with 0.2% solution of quinine, set-up for the test) in marmots and mice there is a delay in normalization of the thyroid structure, previously changed by introduction of sodium extract of anterior pituitary, and also an increase in metamorphogenic activity

Card 1/2

- 44 -

USSR/Human and Animal Physiology - Internal Secretions.

R-8

Abs Jour : Referat Zhur - Biol., No 16, 1957, 70916

of the thyroid gland. The increased irritability of the CNS induced by caffeine leads to the weakening and depressing of the thyrotropic reaction, a fact which indicates cortical regulation of the structure and function of the thyroid. Thyrotropic effect develops also in absence of higher centers of the CNS.: the removal of one or both cerebral hemispheres in 5-8 day old chicks does not inhibit the development of thyrotropic reaction on the introduction of the pituitary preparation. The strength of reaction, determined by the increase in weight of thyroid, appears to be largest on the complete removal of the hemispheres and the introduction of the pituitary preparation from the 11th to 16th day after the operation. The large hemispheres do not appear to be indispensable for the occurrence of the TH influence, but they do regulate and control the action of TH.

Card 2/2

- 45 -

VUNDER, P.A.

VUNDER, P.A. (Saratov)

Role of the thyroid hormone on the reaction of the organism to testosterone propionate [with summary in English, p.125]. Probl. endok. i gorm. 3 no.4:30-35 J1-Ag '57. (MIRA 10:12)

1. Iz kafedry fiziologii zhivotnykh (zav. - prof. P.A.Vunder)
Saratovskogo gosudarstvennogo universiteta imeni N.G.Chernyshevskogo
(THYROTROPIC HORMONE, effects,
on testosterone propionate action in chicks (Rus))
(TESTOSTERONE, effects,
on thyrotropic hormone action in chicks (Rus))

VUNDER, P.A.; IVANOVA, I.I.

Effect of barbamil-induced sleep on the goiter-producing effect
of methylthiouracil. Uch. zap. Sar. un. 64:183-186 '59.

(MIRA 13:9)

(AMOBARBITAL)

(GOITER)

VUNDER, Pavel Abramovich; STAROSTENKOVA, M.M., red.; NAZAROVA, A.S.,
tekhn. red.

[Chemical regulators of life; hormonal regulation of growth
and development] Khimicheskie regulatory zhizni; o gormonal'-
noi regulatsii rosta i razvitiia. Moskva, Izd-vo "Znanie,"
1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriya:
Biologiya i meditsina, no.10) (MIRA 15:7)
(HORMONES)

VUNJAK, N.

"Pegmatites of Dvorica in the Juhor Mountain Region." P. 135.
(GLASNIK. SERIJA A: MINERALOGIJA, GEOLOGIJA, PALEONTOLOGIJA.
No. 5, 1952. Beograd, Yugoslavia.)

SO: Monthly List of East European Accessions, (EFAL), LC,
Vol. 3, No. 12, Dec. 1954, Uncl.

SHIPKOVENSKI, Nikola prof. d-r; KIROV, Ivan, d-r, asistent. RAICHEV, R;
VURBANOVA, St; DAMIANOV, M. student ot kruzhoka po nevrologia.

Parainfectious encephalitis according to neuro-psychiatric and
pediatric clinic material observed during 1941-1950. Izv.med.
inst.Sofia 11-12:581-606 1955.

(ENCEPHALITIS,
parainfectious, hosp.statist.)

VUNG, V. N.

1ST AND 2ND ORDERS		3RD AND 4TH ORDERS
PROCESSES AND PROPERTIES INDEX		
<p>The theory of the burning of portland cement in auto- thermal shaft kilns. V. N. Vung. Vsesoyuz. Nauch.- Issledovatel. Inst. Tsement. VNITs. Sbornik Rabot No. 17, 3-33; Chem. Zentr. 1940, I, 2367; cf. C. A. 32, 7593. — The following topics are discussed on the basis of expts. carried out by use of a Mansfeld kiln and the work of other German authors: the construction of shaft kilns for the burning of portland cement, the regulation of the burning process and the admission of air to the individual zones of the kiln, the kind and granulation of the fuel, the chem. and granulometric compn. of the raw material and the treatment of the clinker after burning. M. G. Moore</p>		

VUNJAK, Nada

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Mineralogical and
Geological Chemistry

Pegmatites of Bjorica (Jabor) in Serbia. Nada Vunjak.
Glasnik Prirod. Museja Srpske Zemlje (Bull. museum hist.
nat. pays Serbe) Sér. A, Mineralog., géol., paléontol. No. 5,
135-68 (1952) (English summary).—The pegmatites intrude
mica schists. Optical data are given for microcline, garnet,
tourmaline, and apatite, and a chem. analysis of the micro-
cline. Michael Fleischer

VUNOV B. F.

PA 10T16

USSR/Aurora Borealis
Magnetism, Atmospheric

Apr 1945

"The Role of Meteoric Fluxes Under the Conditions
of Magnetic Storms and Polar Aurora," B. F. Vunov,
20 pp

"Izv Ak Nauk Geograf i Geofiz" Vol IX, No 4

Study based on data gathered in the study of 512
cases of polar aurora over 19 years and 1103 mag-
netic storms for 61 years.

10T16

VUNSHTEYN, M., inzh.; GANDZHUNTSEV, I., inzh.

Efficient building tools. Na stroi. Mosk. 2 no.2:26-28 P '59.

(MIRA 12:3)

(Building--Tools and implements)

VUNSHTEYN, M., inzh.; GANDZHUNTSEV, I., inzh.

Efficient manual of building tools. Na stroi. Mosk. 2 no.3:
26-28 Mr '59. (MIRA 12:5)
(Building--Tools and implements)

VUNSHTEYN, M., insh.

Cart-containers. Na stroi. Mosk. 2 no.8:13-14 Ag '59.
(MIRA 12:12)

(Carriages and carts)

VUNSHTEYN, M., inzh.; GANDZHUNTSEV, I., inzh.

Efficient manual building tools. Na stroi. Mosk. no.1:26-27
Ja '59. (MIRA 12:1)

(Building—Tools and implements)

GANDZHUM'SEV, I., inzh.; VUNSHTEYN, M., inzh.

Efficient manual building tools. Na stroi, Mosk. 1 no. 12:24-25 D '58.
(MIRA 11:12)

(Building--Tools and implements),

L 6443-66 EWT(1)/EWA(h) IJP(c)

ACC NR: AP5026198

SOURCE CODE: UR/0142/65/008/004/0455/0459

AUTHOR: Kislyakovskiy, A. V.; Vuntosmeri, V. S.

ORG: none

TITLE: Phase relations in the interaction between a ferrite spheroid and the electromagnetic field of a waveguide

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 4, 1965, 455-459

TOPIC TAGS: ferrite, waveguide

ABSTRACT: Phase angles of the transmission and reflection coefficients of a rectangular waveguide are considered, and an experimental verification of the fundamental-mode theoretical formulas is reported. The alternating magnetization of the ferrite spheroid is represented by an equivalent oscillatory system which excites the electromagnetic field in the waveguide. A uniform precession type of magnetization and a ferrite size small in comparison with the wavelength are assumed. Experimental curves of the transmission-factor phase angle and attenuation vs. frequency are shown for a 23 x 10-mm waveguide housing a

Card 1/2

UDC: 621.372.853.2

0901 1810

L 6443-66

ACC IR: AP5026198

1.53-mm diameter ferrite. Knowledge of the phase relations prevailing near ferromagnetic-resonance conditions permits correct selection of the ferrite-spheroid parameters. Orig. art. has: 6 figures and 14 formulas.

SUB CODE: EC/ SUBM DATE: 01Jun64/ ORIG REF: 005/ OTH REF: 000

beh
Card 2/2

AUTHOR: Doklady A. A.; Kiselevskiy A. V.; Vukobrat V. B.; Kuznetsov, I. A.

THE RESEARCH AND DEVELOPMENT OF THE ...

VUORINEN, Jouko

Application of chemical soil testing methods in Finnish
agriculture. Agrokem talajtan 12 no.1:167-170 Mr '63.

VUR, ZACLER

ZEMLICKA, Vl., MUDr. Lekar VUR, Zacler.

Cooperation of the Regional Direction of the Public health with
district physicians. Prakt. lek., Praha 34 no.11:254-256 5 June 54.

(PUBLIC HEALTH,

in Czech., cooperation of regional directions of pub.
health with district officers)

VURBANOVA, A.

On the differentiating capacity of interoceptive analyzer. Izv. inst.
fiziol. 5:103-107 '62.

(REFLEX CONDITIONED)

VURBANOVA, A.

On the relationship between extero- and interoceptive conditioned reflexes in pathological changes of the receptor. Izv. inst. fiziol. 5:109-117 '62.

(REFLEX CONDITIONED)

ORMANDZHIYEV, S. [Ormandzhiev, S.]; VYRBANOV, B. [Vurbanov, B.]

Modification of the method of aggregate coincidences in nuclear spectroscopy, by doubling measurement rate. Doklady BAN 17 no.4:377-380 '64.

1. Predstavleno chl.-korr. E.Dzhakovym.

VURBANOV, Dimitur, prof., inzh.

Retaining reservoirs in the mixed and pluvial sewer systems.
Godishnik Inzh stroit inst 13 no.1:91-107 '61.

VURBANOV, Dimitur, prof. inzh.

Horizontal dimensions of rectangular reservoirs. Godish-
nik Inzh stroit inst 14 no.1:23-28'62. [publ.'63]

VURBANOV, D.

~~TECHNOLOGY~~

Periodical: KHIIDROTEKHNIKA I MELIORATSII. Vol. 3, no. 5, 1958.

VURBANOV, D. On the question of the retaining reservoirs with the mixed and rain system of sewers. p. 133.

Monthly List of East European Accession (EEAI), LC., Vol. 8, no. 2,
February 1959, Unclass.

VURBANOV, K.H.

TECHNOLOGY

Periodical: IZVESTIYA. No. 5/6, 1958.

VURBANOV, KH. Method of trigonometric series for integration of systems of ordinary linear differential equations and its application in the theory of prismatic and slightly pyramidal shells. p. 3.

Monthly List of East European Accessions. (EEAI), LC., Vol., 8, No. 2,
February, 1959, Unclass.

VURBANOV, Rumen, inzh.

Application of radiation heating to mineral and ore dressing.
Tekhnika Bulg 13 no.8:12-14 '64.

1. Institute of Mining Geology, Sofia.

PAPAZOV, G.; VURBANOV, V.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter in the Madan-Rudozem mining basin. *Suvrem med.*,
Sofia no.3:67-78 '61.

1. Katedra po endokrinologiya i bolesti na obmenata, Institut za
spetsializatsiya i usuvurshenstvuvane na lekarite. (Rukov. na
katedrata prof. Iv. Penchev.)

(GOITER epidemiol)

VURBANOV, V., inzh.

Location of shafts, and possibilities for measuring some
shaft safety pillars in the Rosen section of the Burgaski
Medni Mini State Mining Enterprise. Min delo 17 no.12:37-39
D '62.

1. Duzhavno minno predpriatie "Burgaski medni mini."

PENCHEV, Iv.; VURBANOV, V.; PAPAHOV, G.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter in the western Sub-Balkan region. Suvren.med.,
Sofia no.6:8-24 '59.

1. Iz Nauchnata grupa po endokrinologija i bolesti na obmianata
pri ISUL. Nauchen rukovoditel: prof. Iv. Penchev.
(GOITER statist.)

VURBANOV, V.

Diagnosis and therapy of tuberculous mastitis. Khirurgiia, Sofia
7 no.6:369-374 1954.

1. Tsentralen voenen gosptial vtoro Khirurgichno otdelenie.
Nachalnik: B.Popov.
(TUBERCULOSIS,
of breast, diag. & ther.)
(BREAST, diseases,
tuberc., diag. & ther.)

RAIKOV, R., prof.; VOJTEKOV, V.; GEFCHIV, AL.

Treatment of combined injuries. (From experiences of the
surgical team of the Bulgarian medical brigade in Algeria).
Chirurgia 17 no.2:134-136 '64.

VU
PENCHEV, I., Prof.; VURBANOV, V.; PAPAHOV, G.; DISLIEV, D.; STAIKOV, T.

Endemic goiter in Bulgaria according to a survey of students. Suvrem.
med., Sofia 9 no.8:3-18 1958.

1. Nauchna grupa po endokrinologija i bolesti na obmianata pri ISUL-
Sofia.

(GOITER, epidemiology,
endemicity in Bulgaria (Bul))

VURBANOV, V.

PILOSOF, T.; VURBANOV, V.

Gasometric determination of basal metabolism using open and closed systems. Suvrem. med., Sofia 5 no.9:103-110 1954.

1. Iz Klinikata na obmiana na veshchestvata i endokrinologija pri USUL (direktor: prof. Iv.Penchev)
(BASAL METOBOLISM, determination,
closed & open gasometric systems)

Vurbanov, V.

ANDREEV, D.; VURBANOV, V.

Case of multiple osseous fibrous dysplasia. Suvrem. med., Sofia
5 no.3:108-112 1954.

1. Iz klinikata po vutreshni bolesti s obmiana na veshchestvata i
endokrinologiya pri ISUL (direktor: prof. Iv.Penchev)
(OSTEITIS FIBROSA,)

ORAKHOVATS, D. [deceased]; DRAGANOV, L.; VURBANOV, V.; MARKOV, M.; KIROV, A.;
PAMPULOV, Z.; NACHEV, Ch.

Simultaneous recording of the arterial pressure, oscillography,
Korotkov's tones and pressure of the cuff of the brachial artery
by means of direct measurements in man. Izv. Inst. fiziol. (Sofia)
7:5-18 '64.

ORAKHOVATS, D. [deceased]; MARKOV, M.; VURBANOV, V.; DRAGANOV, L.

Studies on the development of Korotkov's tones. *Izv. Inst. fiziol.*
(Sofia) 7:19-28 '64.

PAPAZOV, G.; VURBANOV, V.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter along the river Iskar in the Sofia Region. Suvr. med.
12 no.8:47-54 '61.

1. Iz Katedrata po endokrinologija i bolesti na obmianata pri Instituta
za spetsializatsia i usuvurshenstvuvane na lekarite (Rukov, na kate-
drata prof. Iv. Penchev)

(GOITER epidemiol)

PAPAZOV, G.; VURBANOV, V.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter among workers of some industries in Sofia.
Suvr. med. 12 no.10:3-12 '61.

1. Iz Katedrata po endokrinologiya i bolesti na obmianata
BUJL [Institut za spetsializatsiya i usovurshenstvuvane na
lekarite] (Rukov. na katedrata prof. Iv. Penchev).
(GOITER)

ORAKHOVATS, D. [Orakhovats, D.], akad.; MARKOV, M.; ~~WARBANOV, W.~~ [Vurbanov, V.]

Effect of the resistance of soft tissues in the measurement of blood pressure by the Korotkov method. Doklady BAN 15 no.3:333-336 '62.

1. Physiologisches Institut der Bulgarischen Akademie der Wissenschaften. 2. Chlen Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii Nauk" (for Orakhovats).

*

VURBANOV, V.

Comparative angiophonographic studies of the brachial artery
and femoral artery in young and aged subjects. Izv. inst.
fiziol. (Sofia) 6:179-189 '63.

(AUSCULTATION)	(BRACHIAL ARTERY)
(FEMORAL ARTERY)	(AGING)

ANDREEV, D.; VURBANOV, V.

Peroral treatment of diabetes mellitus. Suvr.med.(Sofia)15
no.3:55-59 '64.

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(SPIROMETRY) (TISSUE METABOLISM) (CARBON DIOXIDE)
(EQUIPMENT AND SUPPLIES)

BULGARIA

V. G. VURBANOV [Affiliation not given.]

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1. Submitted by Academician D. Orahovskii
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(RECEPTORS NEURAL) (STOMACH)